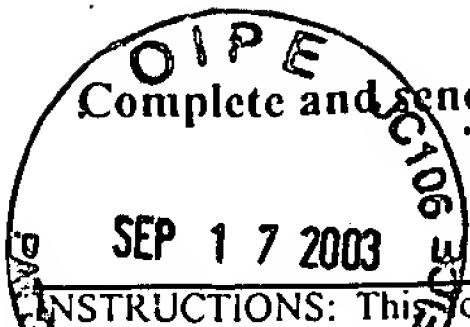


## PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**Alexandria, Virginia 22313-1450**  
**Fax (703)746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

06/13/2003

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Varnum Riddering  
 Schmidt & Howlett  
 Bridgewater Place  
 PO Box 352  
 Grand Rapids, MI 49501-0352

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/504,676	02/15/2000	Christian Duboc	BORDEN P12US0	8178

TITLE OF INVENTION: **METHOD AND SYSTEM FOR DETECTING AND CLASSIFYING THE MODULATION OF UNKNOWN ANALOG AND DIGITAL TELECOMMUNICATIONS SIGNALS**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	09/17/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
LUGO, David B.	2634	375-316000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) Varnum, Riddering, Schmidt & Howlett LLP the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent)

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

☒ Issue Fee☐ A check in the amount of the fee(s) is enclosed.☐ Publication Fee☐ Payment by credit card. Form PTO-2038 is attached.☐ Advance Order - # of Copies \_\_\_\_\_

☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 22-0257 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Thomas L. Lockhart 9/17/03  
 (Authorized Signature) (Date)

Thomas L. Lockhart, Reg. No. 29,324

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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09/26/2003 HANDED 00000203 220257 09504676

01 FC:1501 1300.00 DA

TRANSMIT THIS FORM WITH FEE(S)



09-22-03

B  
67

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/504,676	
	<b>Filing Date</b>	February 15, 2000	
	<b>First Named Inventor</b>	DUBOC, Christian	
	<b>Group Art Unit</b>	2634	
	<b>Examiner Name</b>	LUGO, David B.	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	Borden P12US

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts /Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ After Allowance  
Communication to Group☐ Appeal Communication to  
Board of Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):Express Mail Certificate,  
Notice of Allowance and Issue  
Fee, Itemized Postcard,  
Charge Deposit Account in  
the amount of \$1,300.00

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual NameVARNUM, RIDDERING, SCHMIDT & HOWLETT LLP  
THOMAS L. LOCKHART

Signature

Date

9/17/03

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

Typed or printed name

Signature

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



### Complete if Known

☐ Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 1,300.00
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Application Number	09/504,676
--------------------	------------

Filing Date	February 15, 2000
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First Named Inventor	DUBOC, Christian
----------------------	------------------

Examiner Name	LUGO, David B.
---------------	----------------

Art Unit	2634
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Attorney Docket No.	Borden P12US
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**METHOD OF PAYMENT** *(check all that apply)*☐ Check   ☐ Credit Chard   ☐ Money Order   ☐ Other   ☐ None☒ Deposit Account #: 22-0257

22-0257

Deposit Acct Name:	Varnum, Riddering et al.
--------------------	--------------------------

**The Commissioner is authorized to:** *(check all that apply)*

☒ Charge fee(s) indicated below      ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

<b>SUBTOTAL (1)</b>	<b>(\$)</b>
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## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	<input type="text"/>	-20**=	<input type="text"/>	X <input type="text"/>	= <input type="text"/>
Independent Claims	<input type="text"/>	-3**=	<input type="text"/>	X <input type="text"/>	= <input type="text"/>
Multiple Dependent				<input type="text"/>	= <input type="text"/>

**\*\*or number previously paid, if greater; For Reissues, see above**

Large Entity		Small Entity		<u>Fee Description</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	<b>(\$)</b>
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**FEE CALCULATION (continued)**

### 3. ADDITIONAL FEES

### Large Entity

### Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,280	2453	640	Petition to revive – unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	1,300
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR§ 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$)1,300.00

**SUBMITTED BY: VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP**

Complete (if applicable)

Name (Print/Type)	Thomas L. Lockhart
-------------------	--------------------

Registration No. (Attorney/Agent)	29,324
--------------------------------------	--------

Telephone	616/336-6000
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**Signature**

Date \_\_\_\_\_

9/17/23

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant[s]: DUBOC, Christian  
For: METHOD AND SYSTEM FOR DETECTING AND CLASSIFYING THE  
MODULATION OF UNKNOWN ANALOG AND DIGITAL  
TELECOMMUNICATIONS SIGNALS  
Serial No.: 09/504,676  
Filed: February 15, 2000  
Our Ref.: Borden P12US0

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

"Express Mail" Mailing Label No.:  
EL 635613036 US

Date of Deposit: September 17, 2003

Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<input checked="" type="checkbox"/> Transmittal Form	<input type="checkbox"/> Declaration for Patent Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check attached for \$1,300.00	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Notice of Allowance and Issue Fee Due
<input type="checkbox"/> Provisional Application for Patent Cover Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages	<input type="checkbox"/> Information Disclosure Cover Letter <input type="checkbox"/> IDS PTO 1449 <input type="checkbox"/> ___ References	<input type="checkbox"/> Certificate of Correction
<input type="checkbox"/> Design/Utility Application Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages	<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> ___ References	<input type="checkbox"/> Maintenance Fee Transmittal Form <input type="checkbox"/> Maintenance Fee Payment
<input type="checkbox"/> PCT <input type="checkbox"/> Transmittal Letter to the United States Receiving Office <input type="checkbox"/> PCT Fee Calculation Sheet <input type="checkbox"/> PCT Request (___ Pages) <input type="checkbox"/> PCT General Power of Attorney Cover Letter <input type="checkbox"/> PCT General Power of Attorney	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Letter to Official Draftsman	<input checked="" type="checkbox"/> Itemized Postcard
<input type="checkbox"/> Request Transmittal (RCE or CPA)	<input type="checkbox"/> Response to Missing Parts /Incomplete Application	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	
<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Request for Refund	

Dated: 9-17-03

Alonso Dominguez

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